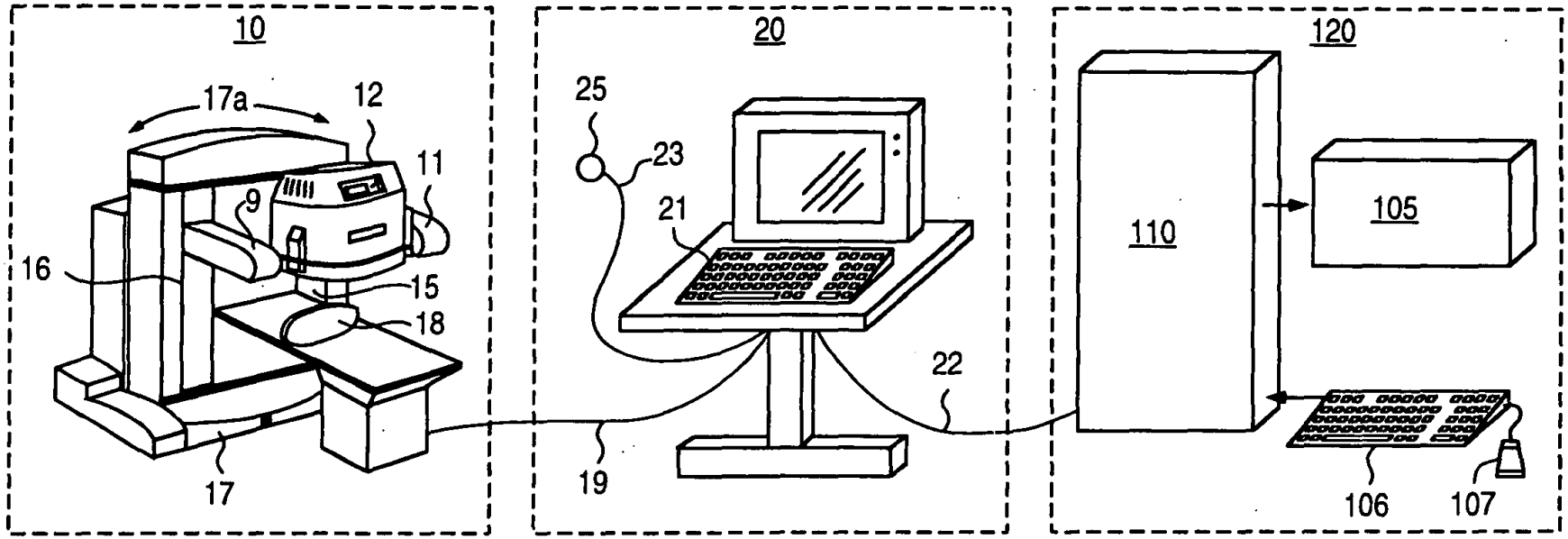
FIG. 1



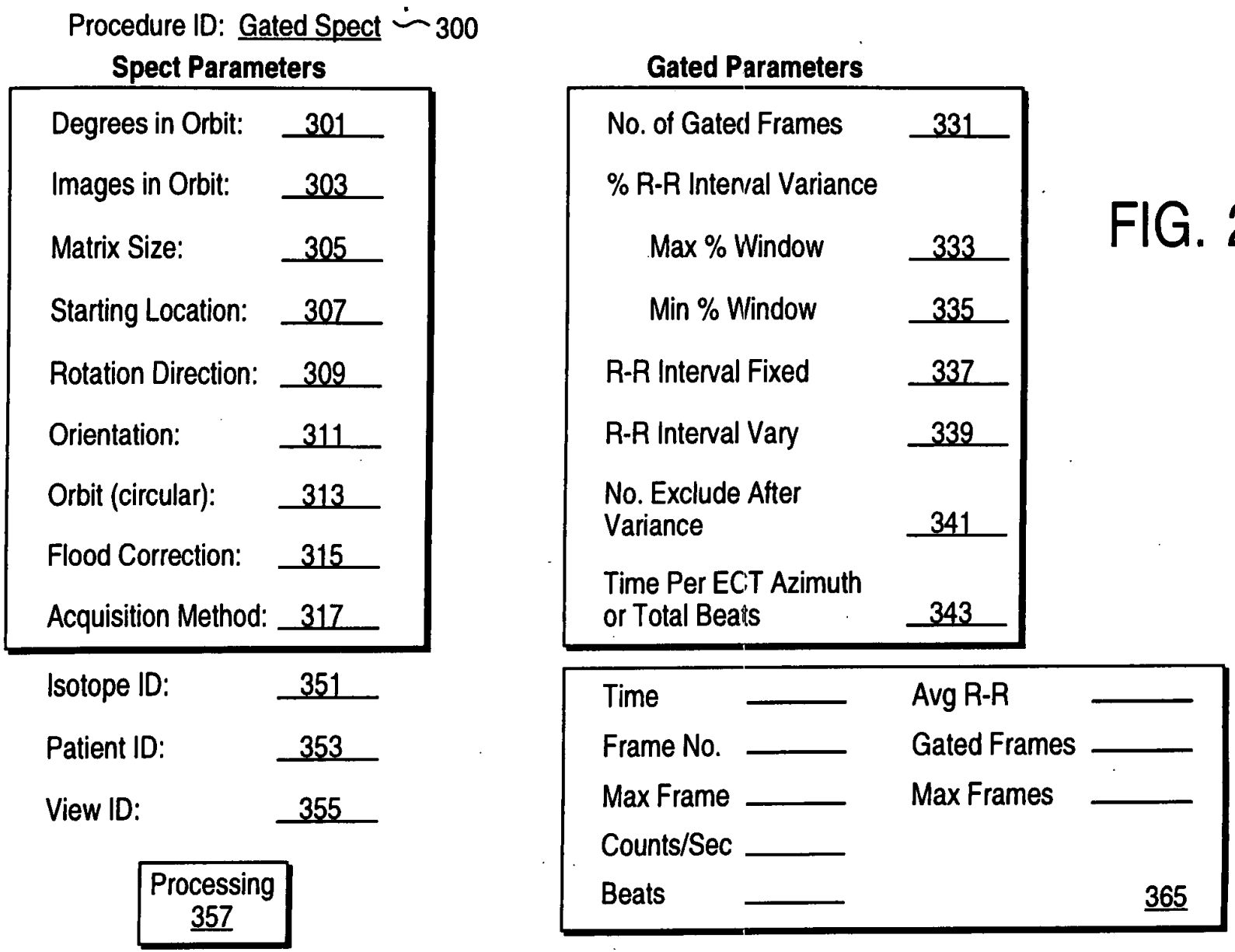

Procedure ID: Gated Spect 300
Spect Parameters
Degrees in Orbit: 301
Images in Orbit: 303
Matrix Size: 305
Starting Location: 307
Rotation Direction: 309
Orientation: 311
Orbit (circular): 313
Flood Correction: 315
Acquisition Method: 317
Isotope ID: 351
Patient ID: 353
View ID: 355
Processing 357
Gated Parameters
No. of Gated Frames 331
% R-R Interval Variance
Max % Window 333
Min % Window 335
R-R Interval Fixed 337
R-R Interval Vary 339
No. Exclude After Variance 341
Time Per ECT Azimuth or Total Beats 343
Time
Frame No.
Max Frame
Counts/Sec
Beats
Avg R-R
Gated Frames
Max Frames
365

FIG. 2

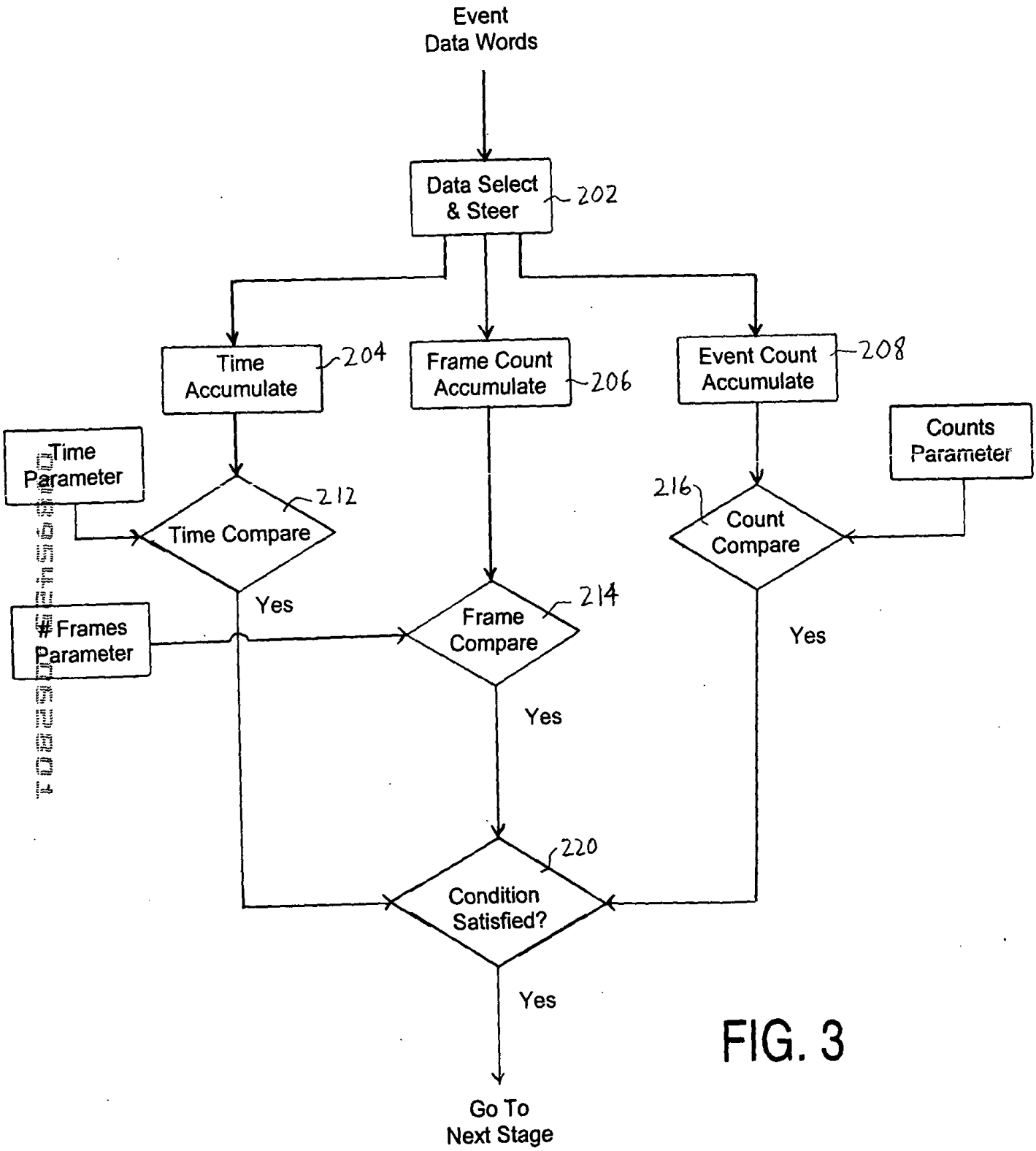

Event
Data Words
Data Select
& Steer
202
Time
Accumulate
204
Frame Count
Accumulate
206
Event Count
Accumulate
208
Time
Parameter
Time Compare
212
Counts
Parameter
216
Count
Compare
Yes
Frames
Parameter
Frame
Compare
214
Yes
Yes
220
Condition
Satisfied?
Yes
Go To
Next Stage

FIG. 3

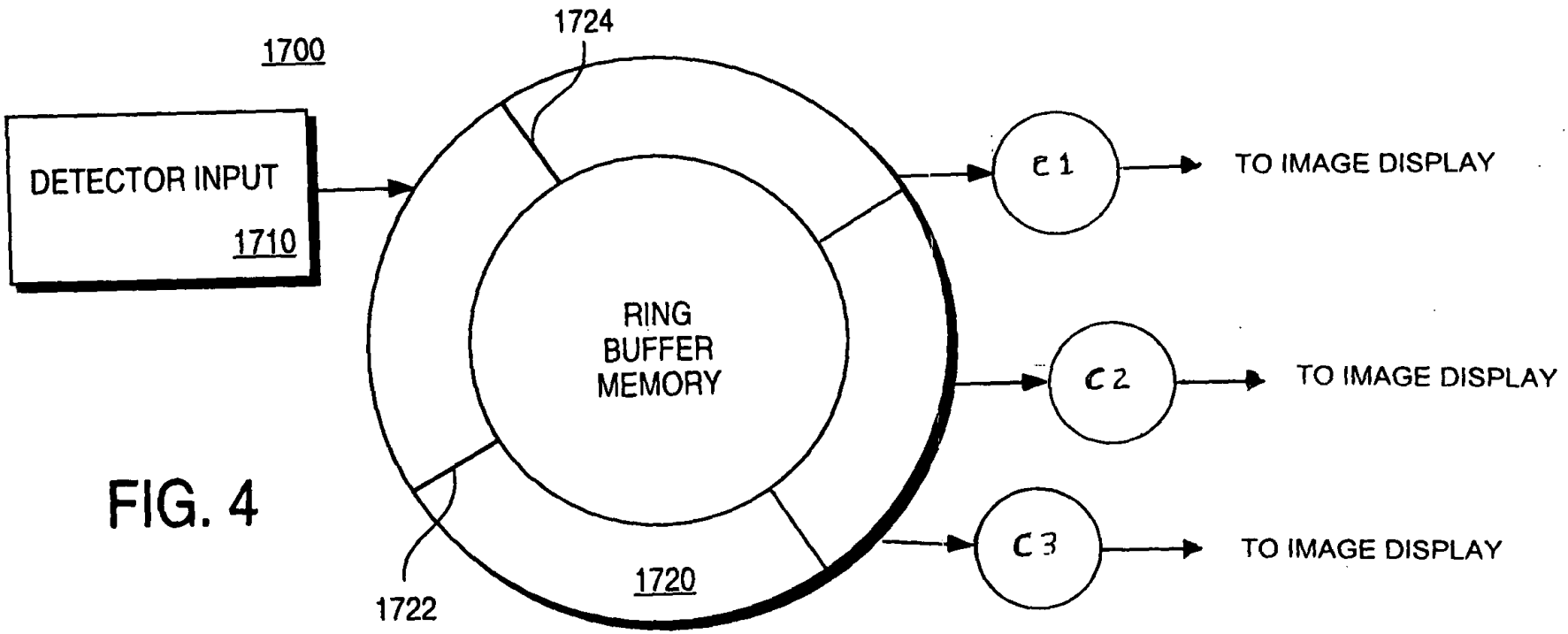

1700
1724
DETECTOR INPUT
1710
RING
BUFFER
MEMORY
1720
1722
C1
C2
C3
TO IMAGE DISPLAY
TO IMAGE DISPLAY
TO IMAGE DISPLAY

FIG. 4

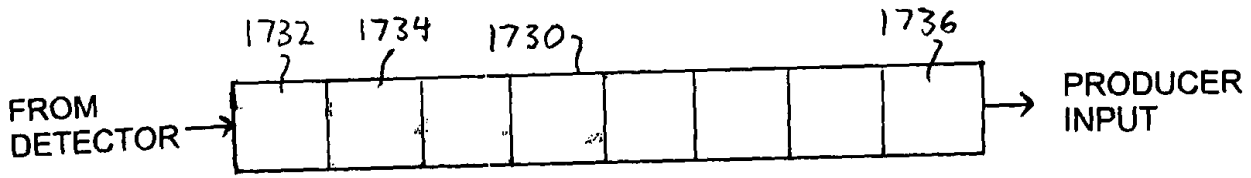

1732
1734
1730
1736
FROM
DETECTOR
PRODUCER
INPUT

FIG. 5

T08290 "S2hS6860

SCINT. EVENT

1802

EWIN	TAG ID	VER.
EWIN	DATA X	
EWIN	DATA Y	
EWIN	DATA Z	

a.

GANTRY EVENT

1804

	TAG ID	VER.
DATA		
DATA		
DATA		

b.

TIME EVENT

1806

	TAG ID	VER.
DATA		
DATA		
DATA		

c.

EKG EVENT

1808

	TAG ID	VER.
TRIGGER DATA		
DATA		
DATA		

d.

FIG. 6